CODE OPTIMIZATION

ABSTRACT

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A code optimizing procedure involves isolating code from a loop construct, executed a predetermined number of times, and optimising the code for execution conditions which cause the loop to be executed that number of times. This code is compared against corresponding code which has not be optimized, and it is determined whether the inclusion of this code is favourable. If the benefits of including this code are judged to be significant, the code is modified by inclusion of this optimized code, which is conditionally executed when the loop is encountered.

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